



Road Update

November 9 – November 23 · Issue 54

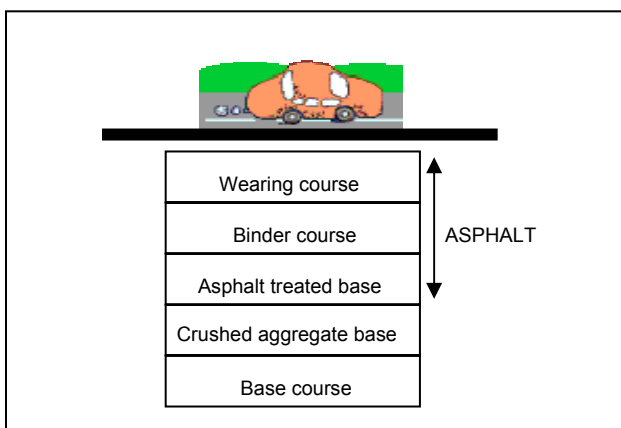
KANDAHAR-HERAT HIGHWAY

The Kandahar-Herat Highway connects the southern and western parts of Afghanistan. This 557 km stretch of highway is part of the “Ring Road”, which interlinks the main cities of Kabul, Kandahar, and Herat. USAID is funding 326 km of the Kandahar-Herat Highway, while Saudi Arabia and Japan are each responsible for a 116 km section. The Japanese have stopped construction due to ongoing security concerns, but have announced that they will restart. USAID is also funding the security, de-mining, design, and construction management of the Saudi Section (Section 2).

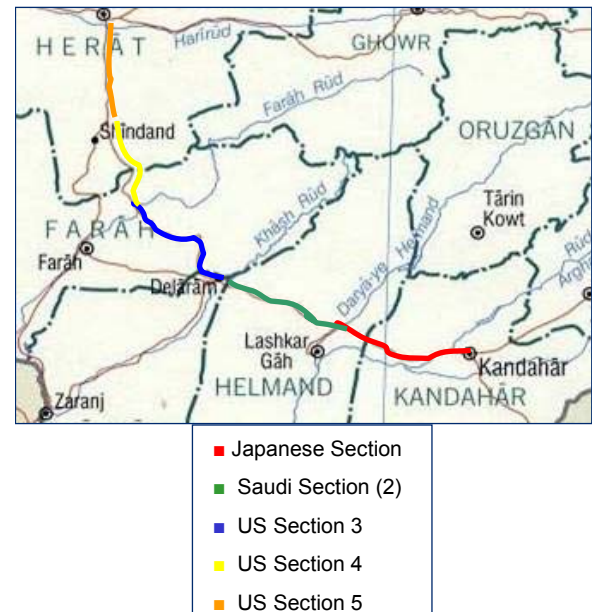
USAID FUNDED WORK

Demining, mobilizing, and design continue on **Section 2** (Km 116-231). In **Section 3** (Km 231-356), over 99% of the first and second layers of asphalt have been laid, along with 85% of the final layer (wearing course). Work on the double bituminous surface treatment (DBST) shoulders has begun. In **Section 4** (4A Km 356-406, 4B Km 406-456), work continues on 4A at full

Composition of a Road



Kandahar-Herat Highway Sections



speed, with over 97% of all three asphalt layers complete. Shoulder work and bridges are now the major effort. On 4B, all of the asphalt is complete, along with over 90% of the DBST shoulder work. All bridges now are complete. In **Section 5**, bridge and culvert works continue, and 100% of the first and second layers of asphalt are complete (77 Km). The mix design for the polymer-modified wearing course is approved, and paving will soon commence.

USAID incorporates capacity building, a principal component of development and reconstruction assistance, into road reconstruction efforts in order to increase Afghan participation and commitment. During this period, 72% of the project's employees were Afghan nationals.

Guide for the Non-Road Engineers: Construction Flow





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Focus on Urban Roads: Bibi Mahro

Phase 1: North- and south-bound lanes are open to two-way traffic on the binder course. Production of the curbing for the center median is scheduled to start after the north- and south-bound side drains are installed. Side-drain curbs and ditch work is ongoing in both directions.

PROVINCIAL ROADS HIGHLIGHTS

Security continues to delay progress on several provincial road projects.

Kabul-Gardez Road (125 km) - Section 1 (Km 3 to 45) is complete. Section 2 (Km 45 to 87) is also complete. Turnover procedures are in progress. For Section 3, the asphalt-treated base is complete from Km 87 to 88+660, and earthwork and subgrade are complete from Km 87 to 90+880. Excavation is on-going between Km 96+400 to 97+200.

Pul-e Alam to Ring Road (35 km) – Embankment work is on-going from Km 26+020 to 26+080, and rock excavation work is underway at Km 31+080 to 31+120. The asphalt wearing course is being placed between Km 13+620 and 13+700 and between 13+770 and 13+940. Drainage work is on-going at 5 locations from Km 0+000 to 9+000.

Jalalabad-Asmar Road (124 km) – The rock crusher at Km 66 and the subbase screening plant at Km 37 are being serviced. Grade improvements are on-going between Km 30+000 and 57+000. Testing of materials is on-going between Km 61+000 and 61+800. Demining is complete.

Shiberghan-Sari Pul Road (54 km) – Traffic lines and pedestrian crossings are being painted on the finished road. Minor clean-up work is being completed. A final Inspection was conducted in cooperation with the Ministry of Public Works.



Sampling the first run of crushed stone base course at a new quarry in Panjsher Valley at Km 16+800.

Kandahar-Tirin Kot Road (148 km) – Finishing work has been completed, and the road is being prepared for turnover to the Ministry of Public Works.

Panjsher Road (70 km) – Section 1: Masonry culvert and retaining wall work is on-going at Km 8+610, 13+381, and 13+538. A new left and right wing wall is being constructed at Sadullah Bridge. The left-hand wing wall is 60% complete, and the right-hand wing wall is 20% complete. Section 2: Culvert masonry work is on-going at various locations from 6+708 to 7+900. Efforts to widen the road continue. Minor work on camp buildings continues. Rock excavation is being conducted between Km 20+569 and 20+574.

Farah-Ring Road (70 km) – Camp mobilization is on-going. Crusher production of subbase and base course material continues. Surveying Km 30+300 to 31+500, Km 38 to 40, Km 42+900 to 44+000, and Km 45+500 to 46+000 continues. Embankment work continues between Km 41 and 43+3000. Stone masonry work is in progress at Km 33+387, Km 34+824 and Km 41+560. Subgrade work continues between Km 30+700 and 31+000.

Lashkar Gah-Ring Road (49 km) – Section 1 (Km 0 to 43): Quarry work and rock crushing continues. Testing of embankment is being performed between Km 12+000 and 13+000. Earthwork is being completed between Km 35+000 and 40+000. Base course placement is being conducted to test procedures and quality of work. Section 2 (Km 43 to 49): Design is being completed for these 6 km.

Ghazni-Sharan Road (57.5 km) – Subbase work continues from Km 38+700 to 39+200. Culverts are being installed between Km 40+180 and Km 42+700. Earthwork continues from Km 45+500 to 48+000. Embankment is being placed from Km 39+000 to 48+700.

Road-Related Security Incidents

On November 22, 2005, a security commander for the Pul-e Alam provincial road project was ambushed as he was driving on the road. He was killed instantly and two other security officers in the vehicle were injured. On November 19, 2005, an Indian driver working on an Indian road reconstruction project was kidnapped and later killed.

Indicator	Cumulative Total FY05
Persons Kidnapped/Released	4/2
Persons Injured/Killed	30/24
Number of Hostile Attacks	48